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# Recommendations for a Department of Energy Nuclear Energy R&D Agenda

**Volume 1**

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# Abbreviations and Acronyms

| | |
|---|---|
| AEA | Atomic Energy Act (of 1946) |
| AEC | Atomic Energy Commission |
| AEO97 | Annual Energy Outlook, 1997 |
| $CO_2$ | carbon dioxide |
| DOE | U.S. Department of Energy |
| EIA | Energy Information Administration |
| EJ | exajoule ($10^{18}$ joules) |
| EPACT | Energy Policy Act (of 1992) |
| EPRI | Electric Power Research Institute |
| FSU | Former Soviet Union |
| GWe | gigawatt (electric) |
| IEO | International Energy Outlook |
| LEGO | Life Extension and General Optimization |
| LWR | light water reactor |
| MOX | mixed oxide |
| MtC | million tonnes of carbon |
| NE | DOE's Office of Nuclear Energy, Science and Technology |
| NPT | Nuclear Nonproliferation Treaty (of 1968) |
| NRC | Nuclear Regulatory Commission |
| NWPA | Nuclear Waste Policy Act (of 1992) |
| PCAST | President's Committee of Advisors on Science and Technology |
| PDD13 | Presidential Decision Directive (of 1993) |
| R&D | research and development |